

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

Date of mailing (day/month/year) 03 février 2003 (03.02.03)
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Applicant's or agent's file reference HN/fo-AM7076
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International application No. PCT/EP01/08018
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From the INTERNATIONAL BUREAU

To:

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## IMPORTANT NOTIFICATION

International filing date (day/month/year) 11 juillet 2001 (11.07.01)
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## 1. The following indications appeared on record concerning:

the applicant     the inventor     the agent     the common representative

Name and Address ATOFINA JAPAN CO., LTD. Bungei Shunju Annex 3-23 Kioi-cho Chiyoda-Ku Tokyo 102 Japan
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State of Nationality JP	State of Residence JP
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Telephone No.

Facsimile No.

Teleprinter No.

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

the person     the name     the address     the nationality     the residence

Name and Address ATOFINA JAPAN KABUSHIKI KAISHA (ATOFINA JAPAN K.K.) Bungei Shunju Annex 3-23 Kioi-cho Chiyoda-Ku Tokyo 102 Japan
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State of Nationality JP	State of Residence JP
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Facsimile No.

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## 3. Further observations, if necessary:

## 4. A copy of this notification has been sent to:

the receiving Office

the designated Offices concerned

the International Searching Authority

the elected Offices concerned

the International Preliminary Examining Authority

other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland
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005434908

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 01/08018

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C08F8/06 C08L27/16 C08L27/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C08F C08C C08J C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 147 314 A (E. F. CLUFF) 1 September 1964 (1964-09-01) column 1, line 65 -column 2, line 13 column 2, line 26 - line 65 column 4, line 21 - line 31; claims 1-5 ---	1
Y	CHEMICAL ABSTRACTS, vol. 122, no. 10, 6 March 1995 (1995-03-06) Columbus, Ohio, US; abstract no. 106851f, page 23; XP000666970 abstract	1-9
Y	& JP 06 279537 A (JAPAN SYNTHETIC RUBBER CO., LTD.) 4 October 1994 (1994-10-04) ---	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

20 March 2002

Date of mailing of the international search report

02/04/2002

## Name and mailing address of the ISA

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Permentier, W

## INTERNATIONAL SEARCH REPORT

Inte. National Application No

PCT/EP 01/08018

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 560 595 A (L. N. PHILLIPS) 2 February 1971 (1971-02-02) column 2, line 3 - line 59; claims 1-8 ---	1-9
Y	WO 97 27260 A (ELF ATOCHEM S.A.) 31 July 1997 (1997-07-31) cited in the application page 2, line 11 - line 26; claims 1-9 ---	1-9
P, Y	EP 1 054 023 A (ATOFINA) 22 November 2000 (2000-11-22) the whole document ---	1-9
A	EP 0 481 283 A (AUSIMONT S.P.A.) 22 April 1992 (1992-04-22) page 3, line 35 - line 55; claims 1-11 ---	1
A	EP 0 507 468 A (DOW CORNING CORPORATION) 7 October 1992 (1992-10-07) column 3, line 53 -column 7, line 54; claims 1-8 ---	1
A	US 5 476 590 A (D. J. BROSE) 19 December 1995 (1995-12-19) column 1, line 41 -column 2, line 5; claims 1-10 ---	1
A	GB 881 503 A (SOLVIC S.A.) 1 November 1961 (1961-11-01) claims 1-10 -----	1

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l. Application No

PCT/EP 01/08018

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3147314	A	01-09-1964	NONE		
JP 6279537	A	04-10-1994	NONE		
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GB 881503	A	01-11-1961	NONE		

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International Bureau



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Barc (FR). **BURCHILL, Michael** [US/US]; 83 Hampton Drive, Langhorne, PA 19047 (US).

(21) International Application Number: **PCT/EP01/08018**

(74) Agent: **NEEL, Henry**; Atofina, Département Propriété Industrielle, Cours Michelet - La Défense 10, F-92091 Paris la Defense (FR).

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(71) Applicant (*for all designated States except JP, US*): **ATOFINA [FR/FR]**; 4/8, cours Michelet, F-92800 Puteaux (FR).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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**WO 02/06355 A2**

(54) Title: FLUORINE TYPE ADHESIVE RESIN COMPOSITION

(57) Abstract: To introduce polar group by a simple and easy method without spoiling solvent-resistance and mechanical/thermal properties which fluorine type resin inherently possess to provide a fluorine type resin composition improved in adhesion. To provide an electrode structure for battery improved in adhesion between the electrode active material and the current collector by using the composition as a binder. Solution measure: partially denatured fluorine type resin (B') obtained by partial dehydrogenfluoride reaction and oxidation reaction is mixed to at least one fluorine type resin (A) at a weight ratio of (A/B') of 30/70 to 99/1.